

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

**GUICHARD et al.**

Atty. Ref.: **1487-25**

Serial No. **09/549,186**

Group: **1634**

Filed: **April 13, 2000**

Examiner: **Unassigned**

For: **RETRO PEPTIDES, ANTIBODIES THERETO AND THEIR  
USES FOR VACCINATION AND IN VITRO DIAGNOSIS**

\* \* \* \* \*

**January 31, 2001**

Assistant Commissioner for Patents  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

All of the references listed on the attached form PTO-1449 are references which have been cited in the parent Application No. 08/716,249 filed September 13, 1996 (Atty. Ref: 1487-24).


The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Copies of the listed documents are not believed to be required at this time. However the Examiner is requested to contact the undersigned if otherwise.

**GUICHARD et al.**  
**Serial No. 09/549,186**

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By:   
**B. J. Sadoff**  
Reg. No. 36,663

**BJS:eaw**  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

**INFORMATION DISCLOSURE  
CITATION**

ATTY. DOCKET NO.

1487-25

SERIAL NO.

09/549,186

APPLICANT

GUICHARD et al.

(Use several sheets if necessary)

FILING DATE

April 13, 2000

GROUP

1634

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|------|------|-------|----------|-------------------------------|
|                      |                 |      |      |       |          |                               |
|                      |                 |      |      |       |          |                               |
|                      |                 |      |      |       |          |                               |
|                      |                 |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

| DOCUMENT     | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--------------|---------|---------|-------|----------|-------------|----|
|              |         |         |       |          | YES         | NO |
| WO 94/05311  | 03/1994 | EPO     |       |          |             |    |
| WO-A-9015813 | 12/1990 | WO      |       |          |             |    |
| 0 097 994    | 1/1984  | EPA     |       |          |             |    |
| 87/07616     | 12/1987 | WO      |       |          |             |    |
| 93/21218     | 10/1993 | WO      |       |          |             |    |
|              |         |         |       |          |             |    |
|              |         |         |       |          |             |    |

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

|  |  |
|--|--|
|  | PCT/IB/338 and PCT/IPEA/409/ (Box I, Box IV, Supplemental Box, Box 5t, Box VI and Box VII) International Preliminary Report.   |
|  | The Journal of Biological Chemistry, vol. 268, no. 35, 15 December 1993, Baltimore, Maryland, ETATS UNIS, pages 26279-26285, N. Benkirane et al, "Antigenicity and immunogenicity of modified synthetic peptides containing D-amino acid residues. Antibodies to a D-enantiomer do recognize the parent L-hexapeptide and reciprocally." |
|  | Molecular Immunology, Vol. 30, No.6, April 1993 Oxford Grande Bretagne, pages 539-547, M. Friede et al "Induction of Immune Response Against a Short Synthetic Peptide Antigen Coupled to Small Neutral Liposome Containing Monophosphoryl Lipid A."   |
|  | Proceedings of the National Academy of Sciences of the USA, Vol. 91, No. 21, October 11, 1994 Washington, D.C. Etats Unis, pages 9766-976, G. Guichard et al. "Antigenic mimicry of natural L-Peptides with Retro-Inverso-Peptidomimetics".  |
|  | Bonelli, et al: "Solid phase synthesis of retro-inverso peptide analogues: Int. J. Pep. Prof. Res.: 24: pp 553-556, 1984.  |
|  | Chorev, M., et al "A dozen years of retro-inverso peptidomimetics", Acc. Chem. Res. 26:266-273. 1993   |

|           |                 |
|-----------|-----------------|
| *Examiner | Date Considered |
|-----------|-----------------|

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A620 (Also PTO-1449)